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> [Movo WMX-1 2.4GHz Wireless Lavalier Microphone System Instruction Manual](#)

### Movo WMX-1

# Movo WMX-1 2.4GHz Wireless Lavalier Microphone System Instruction Manual

## PRODUCT OVERVIEW

The Movo WMX-1 is a universal 2.4GHz wireless lavalier microphone system designed to capture crystal-clear, distortion-free audio. It is compatible with a wide range of devices including DSLR cameras, camcorders, iPhone, Android smartphones, and tablets, making it an ideal tool for filmmakers, vloggers, mobile journalists, and content creators.

This system features an upgraded RF Chipset that operates on the open 2.4GHz frequency spectrum, ensuring interference-free and regulation-free wireless transmission up to 200 feet (60 meters). It offers convenient real-time audio monitoring through a headphone input and allows for microphone volume adjustment to optimize sound recording and reduce post-production effort.



## UNIVERSAL WIRELESS SYSTEM

Record crystal-clear, distortion-free audio from your DSLR, camcorder, smartphone, or tablet



Image: The Movo WMX-1 system connected to a DSLR camera and a smartphone, demonstrating its universal compatibility for high-quality audio recording.

### WHAT'S INCLUDED

Your Movo WMX-1 package includes all essential components for immediate use:

- 1 x Transmitter with Belt Clip
- 1 x Receiver with Belt Clip and Shoe Mount
- 1 x Lavalier Microphone
- 1 x 3.5mm TRS Cable for Cameras
- 1 x 3.5mm TRRS Cable for Smartphones and Tablets
- 1 x Hard Case

# WHAT'S IN THE BOX?



Image: A detailed view of all items included in the Movo WMX-1 package, neatly organized within its protective hard case.

## SETUP GUIDE

Follow these steps to set up your Movo WMX-1 system:

1. **Install Batteries:** Insert two "AAA" batteries into both the transmitter and the receiver.
2. **Attach Receiver to Camera/Device:** Mount the receiver onto your DSLR camera's hot shoe using the provided shoe mount, or connect it to your smartphone/tablet using the appropriate TRRS cable.
3. **Connect Cables:** Use the 3.5mm TRS cable to connect the receiver's LINE OUT to your camera's microphone input. For smartphones/tablets, use the 3.5mm TRRS cable.
4. **Connect Lavalier Mic:** Plug the lavalier microphone into the LINE IN port of the transmitter.
5. **Power On:** Turn on both the transmitter and the receiver. The blue indicator lights will illuminate.
6. **Pair Devices:** If not automatically paired, press and hold the 'Pair' button on both units until the blue indicator lights stop flashing and remain solid, indicating a successful connection.



## HEADPHONE MONITORING

Listen to your audio in realtime with the headphone input to ensure accurate sound recording



## VOLUME ADJUSTMENT

For more control, adjust the microphone volume to reduce time in post-production

Image: The Movo WMX-1 receiver attached to a camera's hot shoe, with the transmitter and lavalier microphone ready for use.

### [Video: Movo Wireless Lavalier Microphone Systems Overview](#)

Your browser does not support the video tag.

Video: This official Movo video provides a comprehensive overview of the WMX-1 system, including detailed setup instructions and demonstrations of its features.

## OPERATING INSTRUCTIONS

Once your Movo WMX-1 system is set up and paired, you can begin recording. The system offers features to enhance your audio capture:

- **Power On/Off:** Use the dedicated ON/OFF switch on both the transmitter and receiver to power them on or off.
- **Pairing:** If the devices lose connection, press and hold the 'Pair' button on both units simultaneously until the blue indicator lights become solid.
- **Volume Adjustment:** The receiver features a volume control to adjust the microphone's output level. This allows for fine-tuning of audio input to prevent clipping and ensure optimal recording levels, reducing the need for extensive post-production.
- **Headphone Monitoring:** Utilize the headphone input on the receiver to monitor your audio in real-time.

This crucial feature helps ensure accurate sound recording and allows you to catch any potential issues during your shoot.



## 200-FOOT AUDIO RANGE

Interference-free and regulation-free wireless transmission up to 200' ft (60m)

Image: Close-up of the Movo WMX-1 receiver highlighting the headphone monitoring port and volume adjustment controls.

### PERFORMANCE AND RANGE

The Movo WMX-1 system provides reliable audio transmission over a significant distance, making it suitable for various recording environments.

- **Audio Range:** Experience interference-free and regulation-free wireless transmission up to 200 feet (60 meters). This range allows for flexibility in subject placement relative to the recording device.
- **RF Chipset:** An upgraded 2.4GHz RF Chipset ensures stable and clear audio capture, minimizing interference from other wireless devices.



Image: An illustration showing the Movo WMX-1 transmitter and receiver maintaining connection over a 200-foot distance.

### Video: [MOVO WMX-1 Range Test by Stephen J Reid](#)

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Video: This video demonstrates the effective range of the Movo WMX-1 system in an outdoor environment, showcasing its performance over distance.

## TECHNICAL SPECIFICATIONS

Feature	Specification
Model Number	WMX-1
Connectivity Technology	2.4 GHz
Audio Range	Up to 200 feet (60 meters)
Microphone Form Factor	Lavalier
Polar Pattern	Omnidirectional
Power Source	Battery Powered (2 AAA batteries required per unit)
Battery Life	Up to 6 hours

Connector Type	3.5 mm Jack (TRS and TRRS cables included)
Compatible Devices	DSLR Cameras, Camcorders, Smartphones, Tablets
Item Weight	1.7 ounces
Material	Metal, Plastic

## TROUBLESHOOTING

If you encounter issues with your Movo WMX-1 system, consider the following common troubleshooting steps:

- **No Audio/Low Audio:** Ensure both the transmitter and receiver are powered on and have fresh batteries. Check all cable connections to your recording device and the microphone. Verify the volume level on the receiver is adjusted appropriately.
- **Interference/Static:** Move closer to the receiver to ensure you are within the 200-foot operating range. Check for other 2.4GHz devices nearby that might be causing interference.
- **Pairing Issues:** If the blue indicator lights are flashing, the devices may not be paired. Press and hold the 'Pair' button on both the transmitter and receiver simultaneously until the lights become solid.
- **Compatibility:** Ensure you are using the correct 3.5mm cable (TRS for cameras, TRRS for smartphones/tablets) for your specific recording device.

## Video: Troubleshooting Facebook Live with Movo WMX-1

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Video: A user-generated video offering specific troubleshooting tips for using the Movo WMX-1 system during Facebook Live broadcasts.

## WARRANTY AND SUPPORT

Movo stands behind the quality of its products:

- **1-Year Warranty:** The Movo WMX-1 system comes with a 1-year warranty, ensuring peace of mind regarding your purchase.
- **US-Based Support:** Movo offers friendly and helpful US-based customer support to assist with any technical questions or issues you may encounter.

For further assistance or to explore other Movo products, please visit the [Movo Store on Amazon](#).